

**CPC****COOPERATIVE PATENT CLASSIFICATION****C14B**

**MECHANICAL TREATMENT OR PROCESSING OF SKINS, HIDES OR LEATHER IN GENERAL; PELT-SHEARING MACHINES; INTESTINE-SPLITTING MACHINES** (making leather substitutes [B29, D06N](#); making articles from leather [B68F](#); mechanical cleaning of hides or the like [D06G](#); artificial leather [D06N](#))

**C14B 1/00**

**Manufacture of leather; Machines or devices therefor** {(machines specially adapted for forming upper shoe blanks or shoe leggings by stretching [A43D 8/003](#))}

**C14B 1/02**

- . Fleshing, unhairing, samming, stretching-out, setting-out, shaving, splitting, or skiving skins, hides, or leather

**C14B 1/04**

- .. using slicking, scraping, or smoothing-out cylinders or blades fixed on supports, e.g. cylinders, in a plane substantially at right angles to the working surface

**C14B 1/06**

- ... in machines in which the working piece is maintained in contact with the working tools solely by means of rolls

**C14B 1/08**

- ... in machines with flexible bands as bed supporting or counter-pressure elements

**C14B 1/10**

- ... in machines with drums with cylindrical, conical, or similar surfaces for supporting the whole working piece

**C14B 1/12**

- ... in machines with plane supporting bed-plates

**C14B 1/14**

- .. using tools cutting the skin in a plane substantially parallel to its surface

**C14B 1/16**

- ... using fixed or reciprocating knives

**C14B 1/18**

- ... using band knives

**C14B 1/20**

- ... using circular dished or coned knives

**C14B 1/22**

- ... using cylindrical knives

**C14B 1/24**

- .. Cutting or shearing hairs without cutting the skin (shearing furs and plucking hairs for fur manufacturing purposes [C14B 15/02](#))

**C14B 1/26**

- . Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards ([pasting processes C14B 1/60](#); [fastening devices C14B 17/08](#))

**C14B 1/28**

- . Machines for treating leather combined with devices for measuring and printing

**C14B 1/30**

- . Pressing or rolling leather

**C14B 1/32**

- .. by linear movement of the pressing elements

**C14B 1/34**

- .. by rotating movement of the pressing or rolling elements

**C14B 1/36**

- ... Bridge leather-rolling machines

**C14B 1/38**

- . Hammering leather

**C14B 1/40**

- . Softening or making skins or leather supple, e.g. by staking, boarding, or crippling machines, by dry mills

**C14B 1/42**

- .. by means of a rotatable drum with radial blades

- C14B 1/44 . Mechanical treatment of leather surfaces
- C14B 1/46 .. Fluffing, buffing, or sanding
- C14B 1/48 .. Roughening ([by sanding C14B 1/46](#))
- C14B 1/50 .. Glazing
- C14B 1/52 .. Brushing or plush-wheeling
- C14B 1/54 .. Ironing ([pressing or rolling C14B 1/30](#))
- C14B 1/56 .. Ornamenting, producing designs, embossing ([pressing or rolling in general C14B 1/30](#); [producing design on furs C14B 15/12](#))
  
- C14B 1/58 . Drying
- C14B 1/60 .. Pasting processes ([pasting boards C14B 1/26](#); [chemical part C14C 7/00](#))
  
- C14B 1/62 . Winding or stacking hides or leather
  
- C14B 3/00           Milling leather**
  
- C14B 5/00           Clicking, perforating, or cutting leather** ([for shoe parts, e.g. soles, A43D](#); [apparatus not specially adapted for leather B26D](#))
  
- C14B 5/02 . Stamps or dies for leather articles
  
- C14B 5/04 . for making leather belts or strips
- C14B 5/06 .. Machines for cutting strips spirally from discs of leather
  
- C14B 7/00           Special leathers and their manufacture**
  
- C14B 7/02 . Composite leathers ([with one or more laminae of plastics material B32B](#))
- C14B 7/04 .. by cementing or pressing together leather pieces, strips or layers, Reinforcing or stiffening leather by means of reinforcing layers
  
- C14B 7/06 . Leather webs built up of interengaged strips or pieces, e.g. by braiding
  
- C14B 9/00           Making driving belts or other leather belts or strips**
  
- C14B 11/00          Finishing the edges of leather pieces, e.g. by folding, by burning** ([milling C14B 3/00](#))
  
- C14B 13/00          Shredding hides or leather** ([shredding in general B02C](#))
  
- C14B 15/00          Mechanical treatment of furs**
  
- C14B 15/005 . { [Tumbling furs or pelts in a rotating drum](#) }
- C14B 15/02 . Shearing; Removing dead or coarse hairs or bristles by shearing or plucking

- C14B 15/04 . Fur dressing
- C14B 15/06 . . Fur-stretching devices
- C14B 15/08 . Application of reinforcing or stiffening layers to fur skins
- C14B 15/10 . Cutting furs; Making fur plates or strips
- C14B 15/12 . Finishing, e.g. pointing furs; Producing designs or patterns
- C14B 17/00** **Details of apparatus or machines for manufacturing or treating skins, hides, leather, or furs**
- C14B 17/005 . { [Inspecting hides or furs](#)}
- C14B 17/02 . Blading cylinders or other working cylinders, e.g. slicking or scraping cylinders
- C14B 17/04 . Work-supports or other counter-pressing elements; Bed rolls or counter-pressing rolls
- C14B 17/06 . Work feeding or clamping devices
- C14B 17/08 . . Fastening devices, e.g. clips for leather-stretching
- C14B 17/10 . Arrangements for driving parts of leather-working machines
- C14B 17/12 . Safety devices specially adapted for leather-working machines
- C14B 17/14 . Auxiliary devices for leather-working machines, e.g. grinding devices for blading cylinders or dust-removal devices combined with the working machines
- C14B 17/16 . Inspecting hides or furs
- C14B 19/00** **Hand tools specially adapted for the treatment of hides, skins, or leather in the manufacture of leather and furs** ([equipment and tools for saddlery B68C](#))
- C14B 21/00** **Splitting intestines; Cutting intestines longitudinally** ([cleaning or cutting intestines during processing of meat A22C 17/00](#))
- C14B 99/00** **Subject matter not provided for in other groups of this subclass**
- C14B 2700/00** **Mechanical treatment or processing of skins, hides or leather in general; Pelt-shearing machines; Making driving belts; Machines for splitting intestines**
- C14B 2700/01 . Machines or devices for treating skins, hides or leather in general, e.g. fleshing, unhairing, samming, stretching-out, setting-out
- C14B 2700/013 . . using circular, cylindrical or band knives
- C14B 2700/016 . . using slicking, scraping, or smoothing-out cylinders

- C14B 2700/02 . Machines or devices for treating skins, hides and leather using cylinders with helical blades and a tensioning cylinder, cylindrical or conical working table
- C14B 2700/07 . Leather tensioning or stretching frames; Stretching-machines; Setting-out boards; Pasting boards; Fastening devices; Drying of leather
- C14B 2700/10 . Processes and machines for splitting leather and devices for measuring and printing on hides
- C14B 2700/11 . Machines or apparatus for cutting or milling leather or hides
- C14B 2700/113 . . Cutting presses
- C14B 2700/116 . . Perforating machines
- C14B 2700/12 . Pressing or rolling leather
- C14B 2700/14 . Processes or apparatus for setting-out, smoothing, ironing or polishing leather or hides
- C14B 2700/16 . Machines for glazing, plush-wheeling or brushing
- C14B 2700/18 . Machines for producing designs on leather
- C14B 2700/185 . . by means of a bridge leather-rolling machine
- C14B 2700/20 . Processes or apparatus for making leather belts
- C14B 2700/21 . Stretching machines or frames for belts
- C14B 2700/23 . Machines for cutting the skin in a plane substantially parallel to its surface
- C14B 2700/25 . Cutting or shearing hairs without cutting the skin
- C14B 2700/26 . Tools for tanning
- C14B 2700/27 . Rotating drums for treating leather
- C14B 2700/28 . Processes or apparatus for the mechanical treatment of hides or leather not provided for in groups [C14B 2700/01](#) to [C14B 2700/27](#)